

PATENT ABSTRACTS OF JAPAN

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(21)Application number : **05-217927** (71)Applicant : **AMERICAN CYANAMID
CO**
(22)Date of filing : **11.08.1993** (72)Inventor : **SUM PHAIK-ENG
LEE VING J
HLAVKA JOSEPH J
TESTA RAYMOND T**

(30)Priority
Priority number : **92 928598** Priority date : **13.08.1992** Priority country : **US**

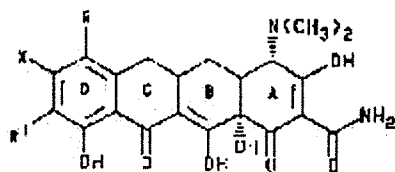
**(54) NEW 7-(SUBSTITUTED)-8-(SUBSTITUTED)-9-(SUBSTITUTED AMINO)-6-
DEMETHYL-6-DEOXYTETRACYCLINES**

Abstract:

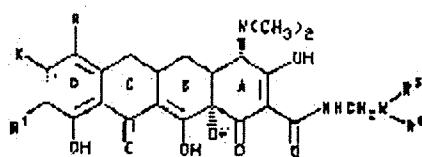
PURPOSE: To obtain the subject new compounds useful for antibiotic agents or the like indicating excellent antimicrobial activity against tetracycline resistant microbe or the like.

CONSTITUTION: The compound of formula I or II (X is a halogen or

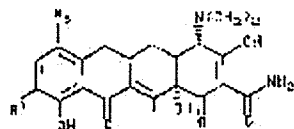
trifluoromethanesulfonyloxy; R and R¹ are each H, nitro, amino, halogen, cyano, hydroxy or the like; R⁵ is H, methyl, phenyl or the like; R⁶ is H, methyl, ethyl, phenyl, α -naphthyl or the like) e.g. [4S-(4 α ,12 α)]-8-chloro-4-(dimethylamino)-9-(formylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacenecarboxamide (1:1) hydrochloride is obtained e.g. by reacting the compound of formula III with a strong acid of formula HX (X is a halogen or the like).



I



II



III